

IN THE CLAIMS:

Please **AMEND** the claims as follows:

1-13. (Canceled)

14. (Previously Presented) An implantable medical device for detection of changes in physiologic parameters, comprising:

means for generating measured physiologic parameters;

means for generating an adaptive baseline trend of the measured physiologic parameters corresponding to a first time period;

means for generating a short term trend of the measured physiologic parameters corresponding to a second time period less than the first time period;

means for generating a metric of physiologic parameter change between the adaptive baseline trend and one of a most recent measured physiologic parameter and the short term trend of the measured physiologic parameters; and

means for updating the adaptive baseline trend by setting the adaptive baseline trend equal to a previous adaptive baseline trend reduced by a predetermined downdrift in response to the current adaptive baseline trend being greater than the current short term trend, and by setting the adaptive baseline trend equal to the previous adaptive baseline trend increased by a predetermined updrift in response to the current adaptive baseline trend being less than the current short term trend, the downdrift and the updrift having respective first values in response to a decline in the measured physiologic parameters being associated with decomposition, and respective second values different from the first values in response to an increase in the measured physiologic parameters being associated with decomposition.

15-29. (Canceled)

30. (Previously Presented) A method for detection of changes in physiologic parameters a patient, comprising:

generating measured physiologic parameters;

generating an adaptive baseline trend of the measured physiologic parameters corresponding to a first time period;

generating a short term trend of the measured physiologic parameters corresponding to a second time period less than the first time period;

generating a metric of physiologic parameter change between the adaptive baseline trend and one of a most recent measured physiologic parameter and the short term trend of the measured physiologic parameters; and

updating the adaptive baseline trend by setting the adaptive baseline trend equal to a previous adaptive baseline trend reduced by a predetermined downdrift in response to the current adaptive baseline trend being greater than the current short term trend, and by setting the adaptive baseline trend equal to the previous adaptive baseline trend increased by a predetermined updrift in response to the current adaptive baseline trend being less than the current short term trend, the downdrift and the updrift having respective first values in response to a decline in the measured physiologic parameters being associated with decomposition, and respective second values different from the first values in response to an increase in the measured physiologic parameters being associated with decomposition.

31-51. (Canceled)

52. (Original) The implantable medical device of claim 14, wherein the updrift is greater than the downdrift.

- 53. (Original) The implantable medical device of claim 14, wherein the downdrift is greater than the updrift.
- 54. (Original) The method of claim 30, wherein the updrift is greater than the downdrift.
- 55. (Original) The method of claim 30, wherein the downdrift is greater than the updrift.
- 56-63. (Canceled)